

# BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

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## FACSIMILE COVER SHEET

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Deliver to: Leonid Kravets, USPTO Art Group: 2189  
 Facsimile No.: (571) 273-8300 Date: October 2, 2006  
 From: Jonathan S. Miller, Reg. No. 48,534  
 Our Docket No.: 42P17512 Number of pages 32 including this sheet.  
 Application No.: 10/674,981 Filing Date: 9/29/2003  
 Docket Due Date(s): 10/10/2006 | 11/10/2006

Enclosed are the following documents:

<input checked="" type="checkbox"/> Amendment: <u>After Final</u> ( <u>16</u> pgs)	<input type="checkbox"/> Issue Fee Transmittal
<input type="checkbox"/> Appeal Brief ( <u>    </u> pgs)	<input type="checkbox"/> Notice of Appeal
<input type="checkbox"/> Application: <u>                                </u>	<input type="checkbox"/> Petition for: <u>                                </u>
( <u>    </u> pgs) w/cover & abstract	<input type="checkbox"/> Request for Continued Examination (RCE)
<input type="checkbox"/> Assignment & Cover Sheet ( <u>    </u> pgs)	<input type="checkbox"/> Reply Brief ( <u>    </u> pgs)
<input checked="" type="checkbox"/> Certificate of <u>Facsimile</u>	<input type="checkbox"/> Request & Certification Under 35 USC 122(b)(2)(B)(i)
<input type="checkbox"/> Continued Prosecution Application (CPA)	<input type="checkbox"/> Request to Rescind Previous Nonpublication Request
<input type="checkbox"/> Declaration & POA ( <u>    </u> pgs)	<input type="checkbox"/> Response to Notice of Missing Parts & Formalities Letter
<input checked="" type="checkbox"/> Drawings: <u>6</u> sheets, <u>6</u> figures	<input type="checkbox"/> Response to Written Opinion ( <u>    </u> pgs)
<input type="checkbox"/> Extension of Time: <u>                                </u>	<input type="checkbox"/> Terminal Disclaimer
<input checked="" type="checkbox"/> Fee Transmittal (in duplicate)	<input type="checkbox"/> Transmittal of Publication Fee Due
<input type="checkbox"/> IDS & PTO/SB/08 ( <u>    </u> pgs)	<input checked="" type="checkbox"/> Transmittal Letter
<input checked="" type="checkbox"/> Other <u>Replacement and Annotated Sheets of Figures 1-6</u>	
<u>Facsimile Cover Sheet (1 pg)</u>	

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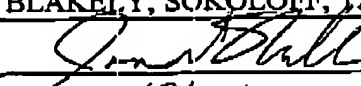
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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application No.	10/674,981
		Filing Date	September 29, 2003
		First Named Inventor	Robert M. Ellis
		Art Unit	2189
		Examiner Name	Leonid Kravets
Total Number of Pages in This Submission	31	Attorney Docket Number	42P17512

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">6 Annotated and 6 Replacement Sheets of Drawings</div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Jonathan S. Miller, Reg. No. 48,534 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	10/2/06

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Signature		Date	10/2/06

Based on PTO/SB/21 (09-04) as modified by Blakely, Sokoloff, Taylor & Zafman (wtr) 11/30/2005.  
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T-469 P.003/032 F-120

OCT 02 2006

**FEE TRANSMITTAL  
for FY 2005**

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$)

0.00

## Complete if Known

Application Number	10/674,981
Filing Date	September 29, 2003
First Named Inventor	Robert M. Ellis
Examiner Name	Leonid Kravets
Art Unit	2189
Attorney Docket No.	42P17512

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☒ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. ☒ Credit any overpayments

## FEE CALCULATION

## 1. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
31	31	0	\$0.00
Independent Claims	4	0	\$0.00
Multiple Dependent			

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description
	1202	60		2202	25	Claims in excess of 20
	1201	200		2201	100	Independent claims in excess of 3
	1203	300		2203	180	Multiple Dependent claims, if not paid
	1204	750		2204	385	Reissue independent claims over original patent
	1205	300		2205	160	Reissue claims in excess of 20 and over original patent
SUBTOTAL (1)						(5) 0.00

\*or number previously paid, if greater. For Reissues, see below

## 2. ADDITIONAL FEES

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description
	1001	100		2001	65	Surcharge - late filing fee or oath
	1002	60		2002	25	Surcharge - late provisional filing fee or cover sheet
	2003	100		2003	100	Non-English specification
	1201	120		2201	60	Extension for reply within first month
	1202	450		2202	225	Extension for reply within second month
	1203	1,020		2203	510	Extension for reply within third month
	1204	1,580		2204	795	Extension for reply within fourth month
	1205	2,150		2205	1,080	Extension for reply within fifth month
	1401	600		2401	250	Notice of Appeal
	1402	500		2402	250	Filing a brief in support of an appeal
	1403	1,000		2403	500	Request for oral hearing
	1401	1,510		2401	1,510	Petition to institute a public use proceeding
	1402	130		2402	130	Petitions to the Commissioner
	1807	50		1807	50	Processing fee under 37 CFR 1.17(d)
	1808	180		1808	180	Submission of Information Disclosure Sheet
	1809	750		1809	385	Filing a submission after final rejection (37 CFR § 1.122(a))
	1810	750		2810	395	For each additional invention to be examined (37 CFR § 1.129(b))
Other fee (specify)						
SUBTOTAL (2)						(5)

## Fee Paid

(5)

## SUBMITTED BY

Name (Print/Type) Jonathan S. Miller

Registration No.  
(Attorney/Agent)

48,534

Telephone

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Signature

Date

10/2/06

Based on PT1/58/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (w/12/15/2004).

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OCT 02 2006

**FEE TRANSMITTAL  
for FY 2005**

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$) 0.00

## Complete if Known

Application Number	10/674,981
Filing Date	September 29, 2003
First Named Inventor	Robert M. Ellis
Examiner Name	Leonid Kravets
Art Unit	2189
Attorney Docket No.	42P17512

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☒ None ☐ Other (please identify):☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. ☒ Credit any overpayments**FEE CALCULATION****1. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
31	0	60.00	\$0.00
Independent Claims	0	200.00	\$0.00
Multiple Dependent			

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
1202	2202	50	25	Claims in excess of 20
1201	2201	200	100	Independent claims in excess of 3
1203	2203	350	180	Multiple Dependent claim, if not paid
1204	2204	750	385	**Release independent claims over original patent
1205	2205	300	150	**Release claims in excess of 20 and over original patent

\*or number previously paid, if greater, For Release, see below

SUBTOTAL (1) (\$) 0.00

**2. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
1051	2051	130	65	Surcharge - late filing fee or oath
1052	2052	50	25	Surcharge - late provisional filing fee or cover sheet
2053	2053	130	130	Non-English specification
1251	2251	120	60	Extension for reply within first month
1252	2252	450	225	Extension for reply within second month
1253	2253	1,020	510	Extension for reply within third month
1254	2254	1,590	795	Extension for reply within fourth month
1255	2255	2,160	1,080	Extension for reply within fifth month
1401	2401	500	250	Notice of Appeal
1402	2402	600	300	Filing a brief in support of an appeal
1403	2403	1,000	500	Request for oral hearing
1451	2451	1,510	755	Petition to institute a public use proceeding
1450	2450	130	130	Petitions to the Commissioner
1807	1807	50	50	Processing fee under 37 CFR 1.17(q)
1808	1808	180	180	Submission of Information Disclosure Sum
1809	1809	395	395	Filing a submission after final rejection (37 CFR § 1.128(a))
1810	2810	790	395	For each additional invention to be examined (37 CFR § 1.128(b))

Other fee (specify)

SUBTOTAL (2)

(\$)

**SUBMITTED BY**

Name (Print/Type) Jonathan S. Miller

Registration No.  
(Attorney/Agent)

48,534

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(310) 207-3800

Signature

Date

10/2/06

Based on PTO/SB-17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (M/R) 12/15/2004.  
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**REPLY UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE  
TECHNOLOGY CENTER 2100**

**Attorney's Docket No. 42P17512**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application for:

**Robert M. Ellis, et al**

Application No. 10/674,981

Filed: September 29, 2003

For: **MEMORY BUFFER DEVICE  
INTEGRATING REFRESH**

Examiner: Leonid Kravets

Art Unit: 2189

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P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION**

Dear Sir:

In response to the Final Office Action mailed August 10, 2006, in connection with the above referenced patent application, Applicants respectfully request reconsideration in view of the following remarks and amendments.

**Amendments to the Claims** are reflected in the Listing of Claims which begins on page 2 of this paper.

**Amendments to the Drawings** begin on page 12 of this paper and include both an attached replacement sheets 1-6 and an annotated sheets 1-6 showing changes.

**Remarks/Arguments** begin on page 13 of this paper.

An **Appendix** including amended drawing figures is attached following page 16 of this paper.